

### **In the Specification**

***On page 1, please replace the second section title and paragraph [0002] with the following:***

#### **Technical Field of the Invention**

[0002] This ~~invention~~ disclosure pertains to the field of cosmetology. It pertains to a cosmetic composition most particularly adapted for men's skin and hair care.

***On page 2, please replace the first section title and paragraph [0008] with the following:***

#### **Summary of the Invention**

[0008] This ~~invention~~ disclosure relates to a cosmetic composition including a water-soluble extract of galangal (*Alpinia officinarum*), a water-soluble extract of buffalo grass (*Hierochloe odorata*), and a water-soluble extract of purslane (*Portulaca oleracea*).

***On page 2, please replace paragraph [0009] with the following:***

[0009] This ~~invention~~ disclosure also relates to a men's skin care product, a shaving cream product, a sunless tanning product, a men's hair care product and a men's after shave product.

***On page 2, please replace paragraph [0010] with the following:***

[0010] ~~This invention provides~~ I provide a new cosmetic composition responding specifically to the needs of men's skin as described above. The cosmetic composition is remarkable in that it comprises energizing, soothing and sanitizing plant-derived active principles.

***Please replace paragraph [0011] spanning pages 2 and 3 with the following:***

[0011] The cosmetic compositions ~~of the invention~~ comprise:  
a water-soluble extract of galangal (*Alpinia officinarum*),  
a water-soluble extract of buffalo grass (*Hierochloe odorata*), and  
a water-soluble extract of purslane (*Portulaca oleracea*).

***On page 3, please replace paragraph [0014] with the following:***

[0014] Thus, the water-soluble galangal extract used in the compositions ~~of the invention~~ is an extract containing flavonoids. This extract is advantageously prepared from galangal rhizomes. The galangal extract is obtained by controlled extraction with a water/propylene glycol mixture followed by a centrifugation/filtration step. The galangal extract is rich in essential oils such as borneol, cineol, caryophyllene and geraniol. It also contains phytosterols and flavonoids such as galangin and kaempferol. The flavonoid content is on the order of 1.5 g/l (rutin equivalent). The flavonoids and principally the galangin contained in the galangal extract have an antifungal and antibacterial activity useful for combating cutaneous disorders.

***Please replace paragraph [0015] spanning pages 3 and 4 with the following:***

[0015] The cosmetic compositions ~~of the invention~~ also contain a water-soluble extract of buffalo grass (*Hierochloe odorata*). Buffalo grass (*Hierochloe odorata*) of the Poaceae family is native to Europe and North America. This grass of the cold and humid zones (above latitude 40°) terminates its growth at the end of summer and can reach up to 60 cm in height. Equipped with an extensive, rampant and rather deep root system, the plant reproduces itself essentially by propagation of the rhizome, since the seeds are small in number and often infertile. From one year to the next, the new sprouts appear from the faded foliage of the previous year, first giving rise to fructiferous stalks surrounded by short foliage quickly giving way to a new sterile basal sprout of rapid development thus yielding the plant that is usually harvested.

***On page 4, please replace paragraph [0017] with the following:***

[0017] The water-soluble extract of buffalo grass ~~used in the invention~~ is an extract containing coumarins and umbelliferons. It is obtained by grinding the aerial parts of the plant prior to maceration in ethanol alcohol. The extract is filtered, then purified and, finally, undergoes evaporation prior to being incorporated in an excipient of the glycerin type.

***Please replace paragraph [0018] spanning pages 4 and 5 with the following:***

[0018] The cosmetic compositions ~~of the invention~~ contain a water-soluble extract of purslane (*Portulaca oleracea*) in addition to the water-soluble extract of galangal (*Alpinia officinarum*). Purslane (*Portulaca oleracea*) is a plant originally from India that was introduced into Europe by the

English in the 16<sup>th</sup> century. This small, fatty plant has rubbery stalks that become engorged with water like the thick, fleshy leaves. Purslane is one of the oldest representatives of our popular flora which is used not only in salads and as a condiment, but also as a medicinal plant. Louis XIV's gardener considered purslane to be a health-food salad and it still today comprises the base of the "Crétois" diet because of its high content of omega-3 fatty acids. In the therapeutic field, purslane has been used since ancient times as a medication for the gastrointestinal and respiratory tracts. In topical application, it is known for its anti-inflammatory and soothing properties. It is indeed these latter properties that justify its use in cosmetology, most particularly for skin care for men since it can combat razor burn, calm irritations and soothe red blotches.

***On page 5, please replace paragraph [0019] with the following:***

[0019] The water-soluble extract of purslane ~~used in the invention~~ is an extract containing omega-3 fatty acids. This extract is advantageously obtained from the entire plant. Extraction is performed after washing the plants, followed by a filtration step. Two purification steps are then performed prior to a concentration step.

***On page 5, please replace paragraph [0020] with the following:***

[0020] The cosmetic compositions ~~according to the invention~~ advantageously comprise:

from about 0.1 to about 10% by weight, preferably about 0.5 to about 5% by weight, of water-soluble galangal extract;

from about 0.1 to about 10%, preferably about 0.5 to about 5%, of water-soluble buffalo grass extract; and

from about 0.1 to about 10%, preferably about 0.5 to about 5%, water-soluble purslane extract.

***On page 5, please replace paragraph [0021] with the following:***

[0021] In addition to the water-soluble extracts of galangal, buffalo grass and purslane, the compositions ~~of the invention~~ can also contain other active plant extracts. The cosmetic compositions advantageously contain one or more plant extracts selected from: a gaultheria extract, a grindelia extract, an aloe extract, a sunflower extract and an extract of *Mourera fluviatilis*.

***On page 6, please replace paragraph [0025] with the following:***

[0025] The cosmetic compositions ~~of the invention~~ can also contain an aloe extract as an anti-irritant, anti-dehydrating and conditioning agent. It is known that aloe leaves, after peeling and removing the spines, yield a gel that is especially rich in sugars and contain traces of magnesium lactate which has already found applications in the field of cosmetics because of its texture qualities and properties.

***On page 6, please replace paragraph [0026] with the following:***

[0026] The extract of sunflower (*Helianthus sp.*) that can be particularly useful in the cosmetic compositions ~~of the invention~~ is the extract of sunflower stalks (*Helianthus annus*) rich in auxin described in French patent application No. 2,789,901. This extract has a tonic and firming effect. It is obtained by maceration of sunflower stalks in a water/glycerin mixture, that are dried and put in suspension in a butylene glycol/water mixture (volume/volume).

***On page 7, please replace paragraph [0027] with the following:***

[0027] The extract of *Mourera fluviatilis*, a tropical plant adapted to the spring waters of the Amazon basin, present in the cosmetic compositions ~~according to the invention~~, acts specifically on the epidermal corneous layers. It simultaneously exerts a moisture regulator effect, a substantial moisture content regulator effect, a dehydration reducing effect and a hydration prolonging effect. It acts by stopping dehydration due to imperceptible perspiration and equilibrating the hydration of the skin as a function of the relative humidity of the ambient air.

***On page 7, please replace paragraph [0029] with the following:***

[0029] The compositions ~~according to the invention~~ can also comprise one or more formulation agents that are known and conventionally used in cosmetic compositions such as the following nonlimitative examples: conditioners, colorants, film-forming active principles, surface-active agents, perfumes, emulsifiers, oils, glycols, dihydroxyacetone and erythrulose. Those skilled in the art of cosmetics know that formulation agents can be added to the compositions of the invention to obtain a product such as the following examples: a body and hair shampoo, a facial cleaner, a shaving preparation agent, a hydrating gel or balm, a soothing lotion for the face, neck and shoulders, an eye contour cream, a deodorant or a sunless tanning product. When the cosmetic composition is

used in the form of a sunless tanning product, the composition can also contain dihydroxyacetone and/or erythulose. Dihydroxyacetone has been known since the 1960s as a sunless tanning agent. Erythulose is a natural sugar having the chemical name of 1,3,4-trihydroxy-2 butanone. Its use in sunless tanning cosmetic compositions is described in French patent application No. 2,772,268.

***On page 8, please replace paragraph [0030] with the following:***

[0030] The compositions ~~according to the invention~~ can be presented in any form known in the cosmetology field without other pharmaceutical restrictions than the water-soluble nature of the extracts of galangal, buffalo grass and purslane. The compositions ~~according to the invention~~ are advantageously presented in the form of gels, creams, balms, milks, foaming products and the like to respond principally to the need for application on men's hair, skin and the face.

***On page 8, please replace paragraph [0031] with the following:***

[0031] ~~The invention~~ This disclosure, therefore, pertains to the cosmetic use of a composition ~~according to the invention~~ for men's skin care. More particularly, ~~the invention~~ it pertains to the cosmetic use of a composition ~~according to the invention~~ for the preparation of the skin for shaving. The ~~invention~~ disclosure also pertains to the cosmetic use of a composition ~~according to the invention~~ for the preparation of a sunless tanning product. The ~~invention~~ disclosure further pertains to the cosmetic use of a composition ~~according to the invention~~ for men's hair care.

***On page 8, please replace paragraph [0032] with the following:***

[0032] Other advantages and characteristics ~~of the invention~~ will become apparent from the examples below which pertain to the anti-inflammatory activity of purslane extracts and examples of formulations which are presented in an illustrative manner and should not be interpreted as limiting the scope of the ~~invention~~ appended claims.

I        Anti-inflammatory activity of purslane extract

I.1     Principle